

IN THE CLAIM

No claim has been amended by this Amendment after Final .

1 1. (Previously Presented) A process for quantitating a human DNA in a sample, said
2 process comprising the steps of:

3 providing a sample to be analyzed;

4 amplifying predetermined genomic DNA containing an *Alu* element by using primers,
5 said *Alu* element being enriched in the human genome compared to non-human primates
6 genomes, the amplification being intra-*Alu* polymerase chain reaction amplification; and

7 quantitating the human DNA by comparing the amplified DNA with a reference.

1 2. (Canceled)

1 3. (Canceled)

1 4. (Canceled)

1 5. (Previously Presented) The process of claim 1, wherein the amplification is a
2 polymerase chain reaction with the primers containing the following sequences:

3 5' CGAGGCGGGTGGATCATGAGGT 3'(SEQ ID NO: 3)

4 and

5 5' TCTGTCGCCAGGCCGGACT 3' (SEQ ID NO: 4).

1 6. (Previously Presented) The process of claim 1, wherein the amplification is a
2 polymerase chain reaction with the primers containing the following sequences:

3 5' GAGATCGAGACCACGGTGAAA 3' (SEQ ID NO: 5)

4 and

5 5' TTTGAGACGGAGTCTCGTT 3' (SEQ ID NO: 6).

1 7. (Original) The process of claim 1, wherein the quantitation step comprises the step of
2 detecting the human DNA on an agarose gel stained with ethidium bromide.

1 8. (Original) The process of claim 1, wherein the quantitation step comprises the step of
2 detecting the human DNA by using a qPCR system.

1 9. (Original) The process of claim 1, wherein the quantitation step comprises the step of
2 detecting the human DNA by using *TaqMan* chemistry.

1 10. (Canceled)

1 11. (Canceled)

1 12. (Canceled)

1 13. (Canceled)

1 14. (Canceled)

1 15. (Canceled)

1 16. (Canceled)

1 17. (Canceled)

1 18. (Canceled)

1 19. (Canceled)

1 20. (Canceled)

1 21. (Previously Presented) A process for quantitating a human DNA in a sample, said
2 process comprising the steps of:
3 providing a sample to be analyzed;

4 amplifying predetermined genomic DNA containing an *Alu* element by using primers,
5 said *Alu* element being present only in the human genome, the amplification being intra-*Alu*
6 polymerase chain reaction amplification; and
7 quantitating the human DNA by comparing the amplified DNA with a reference.

1 22. (Previously Presented) A process for quantitating a human DNA in a sample, said
2 process comprising the steps of:
3 providing a sample to be analyzed;
4 amplifying predetermined genomic DNA containing a young *Alu* element by using
5 primers, said young *Alu* element being largely absent from non-human primates, the
6 amplification being intra-*Alu* polymerase chain reaction amplification; and
7 quantitating the human DNA by comparing the amplified DNA with a reference.